

REFERENCE TITLE: statewide groundwater level monitoring

State of Arizona  
House of Representatives  
Forty-seventh Legislature  
Second Regular Session  
2006

## HB 2775

Introduced by  
Representatives O'Halleran, Jones, Kirkpatrick, Mason: Allen J, Chase,  
McLain

### AN ACT

AMENDING TITLE 45, CHAPTER 2, ARTICLE 9, ARIZONA REVISED STATUTES, BY ADDING SECTION 45-581; MAKING AN APPROPRIATION; RELATING TO GROUNDWATER MANAGEMENT.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:  
2       Section 1. Title 45, chapter 2, article 9, Arizona Revised Statutes,  
3 is amended by adding section 45-581, to read:

4           45-581. Groundwater level automated monitoring system; criteria

5       A. THE DEPARTMENT SHALL ESTABLISH A STATEWIDE SYSTEM FOR THE AUTOMATED  
6 MONITORING OF GROUNDWATER LEVELS IN VARIOUS LOCATIONS IN THIS STATE. THE  
7 AUTOMATED MONITORING SYSTEM SHALL PROVIDE FOR A NETWORK OF AUTOMATED  
8 GROUNDWATER LEVEL MONITORING SITES WITH A PROGRAM OF RELATED DATA  
9 TRANSMITTAL, DATA COLLECTION AND DATABASE DEVELOPMENT, HYDROLOGIC ANALYSIS OF  
10 DATA AND SYSTEM OPERATION AND MAINTENANCE.

11     B. THE AUTOMATED MONITORING SITES SHALL BE ESTABLISHED IN A MANNER  
12 THAT ALLOWS THE DEPARTMENT TO MONITOR THE HYDROLOGIC BEHAVIOR OF VARIOUS  
13 GROUNDWATER BASINS, ASSESS CHANGING GROUNDWATER LEVELS OVER TIME, CONSTRUCT  
14 TIMELY AND ACCURATE WATER BUDGETS, ASSIST IN DROUGHT PLANNING AND PREPARATION  
15 AND FACILITATE WATER CONSERVATION PLANNING AND PROGRAMS.

16     C. THE DEPARTMENT SHALL ESTABLISH LOCATIONS FOR AUTOMATED MONITORING  
17 SITES, WHICH SHALL INCLUDE STREAM GAUGES AND PRECIPITATION GAUGES, AFTER  
18 CONSIDERATION OF AT LEAST THE FOLLOWING FACTORS:

19       1. RAPID GROWTH AREAS OR POTENTIAL OR PLANNED RAPID GROWTH AREAS IN  
20 WHICH DECLINES OR INCREASES IN WATER LEVELS MAY BE SIGNIFICANT.

21       2. AREAS OF ONGOING OR POTENTIAL SUBSIDENCE.

22       3. PROXIMITY TO RIVERS, STREAMS OR OTHER WATER CHANNELS THAT MAY  
23 INVOLVE FLOOD RECHARGE, GROUNDWATER DISCHARGE OR RIPARIAN AREAS.

24       4. LAND USE FACTORS, INCLUDING ONGOING OR POTENTIAL DEVELOPMENT, PAST  
25 LAND USES, ONGOING WATER USE OR WATER SETTLEMENT AGREEMENTS AND PROXIMITY TO  
26 SENSITIVE AREAS.

27       5. PROXIMITY TO POSSIBLE CONTAMINATED SITES, INCLUDING LEAKING  
28 UNDERGROUND STORAGE TANK SITES, FEDERAL OR STATE SUPERFUND SITES, HAZARDOUS  
29 WASTE SITES OR OTHER LOCATIONS WITH POTENTIAL FOR MIGRATION OF CONTAMINANTS  
30 OR OTHER POLLUTANTS.

31     D. THE SELECTION OR LOCATION OF PARTICULAR WELLS SHALL INCLUDE  
32 CONSIDERATION OF AT LEAST THE FOLLOWING:

33       1. DISPERSAL AMONG MULTIPLE AQUIFERS.

34       2. LEVEL OF AQUIFER PENETRATION.

35       3. PROXIMITY TO POTENTIAL AQUIFER STRESSORS.

36       4. WELL DEPTH.

37     E. IN SITING THE AUTOMATED MONITORING SYSTEM, THE DEPARTMENT SHALL  
38 ALSO CONSIDER THE LOCATION AND COOPERATION OF OTHER ENTITIES, INCLUDING  
39 MUNICIPALITIES, WATER PROVIDERS, IRRIGATION DISTRICTS, AGRICULTURAL WATER  
40 USERS AND OTHER WATER USERS.

41     F. ON ESTABLISHMENT OF THE AUTOMATED MONITORING SYSTEM, THE DEPARTMENT  
42 SHALL MAKE AVAILABLE TO THE PUBLIC ON THE DEPARTMENT'S WEB SITE THE DATA THAT  
43 IS COMPILED ON GROUNDWATER LEVELS IN THIS STATE.

1        Sec. 2. Appropriation: groundwater level automated monitoring  
2                          system: exemption

3        A. The sum of \$755,000 is appropriated from the state general fund in  
4 fiscal year 2006-2007 to the department of water resources for purposes of  
5 the groundwater level automated monitoring system established pursuant to  
6 this act.

7        B. The appropriation made in subsection A of this section is exempt  
8 from the provisions of section 35-190, Arizona Revised Statutes, relating to  
9 lapsing of appropriations.